

37. (New) The apparatus of Claim 34 wherein the first data element is a high order data element of the first packed data and the second data element is a high order data element of the second packed data and the unpack instruction comprises an opcode field to contain one of a set of operation codes to specify an unpack operation interleaving high order data elements from the first and the second pluralities of data elements, the opcode field specifying data elements selected from the group consisting of byte elements, word elements and doubleword elements.

38. (New) The apparatus of Claim 37 wherein the opcode field of the unpack instruction contains one of a set of operation codes comprising the hexadecimal values 0F68, 0F69 and 0F6A.

REMARKS

In response to the Office Action mailed September 6, 2001, Applicants respectfully request reconsideration of the requirement for restriction and indicate a provisional election of the following group of claims to be examined for the referenced application in the event the requirement becomes final:

Group I as claimed in Claim 15 and also in the added Claims 24-38.

Applicants respectfully request reconsideration of this application as amended. Claims 24-38 are added. The foregoing amendment is provided to impart precision to the claims, by more particularly pointing out the invention.

Applicants respectfully submit that both two-way distinctness and reasons for insisting on restriction are necessary to support the requirement for restriction between combinations and subcombinations (MPEP § 806.05(c)). In accordance with MPEP § 808.02, Applicants respectfully request an appropriate explanation of a different field of search or of a clear indication of separate future classification and field of search.

Alternatively, Applicants respectfully request the requirement for restriction be withdrawn.

In the event the requirement for restriction becomes final, Applicants respectfully request rejoiner of the inventions restricted if Claim 15 is subsequently found to be unallowable.

Applicants respectfully request that they be advised which application number is to be used in connection with the referenced application. The return postcard received after filing the application bears the number 09/657,447, and all other correspondence received from the Patent Office has been marked with the number 09/657,448.

Confirmation of which number is correct is respectfully requested.

Applicants believe that Claims 15-23 are presently in condition for allowance and such action is earnestly solicited. Applicants also respectfully solicit the Examiner to grant allowance of the added Claims 24-38.

CONCLUSION

Applicants respectfully submit the present claims for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call John Ward at (408) 720-8300, x237.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

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Date: _____

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Claims 24-36 have been added.

24. (New)

25. (New)

26. (New)

27. (New)

28. (New)

29. (New)

30. (New)

31. (New)

32. (New)

33. (New)

34. (New)

35. (New)

36. (New)

37. (New)

38. (New)